EZINAV G4 GPS

USER MANUAL

For help using GPS navigation software please download the "Navigation Software User Manual from: www.kogan.com.au/manuals/

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Chapter I Welcome

Thanks for purchasing the Kogan G4 GPS. With navigation as the major function, it also supports audio play, video play, photo browsing and e-book reading.

- ✓ SiRF Atlas-IV duel core CPU with high performance and low power consumption
- ✓ Friendly user interface for simple operation
- ✓ Power management for longer and more stable operation
- ✓ Data transmission with computers via Mini USB
- ✓ Quality reception for accurate positioning

You may use the GPS navigator anytime anywhere, for example while driving, walking or cycling.

To fully exert the functions of the Kogan G4 GPS and to understand the operational details, please read the manual carefully.

You may see the following supplemental information in the manual.

[Note]: Explanation of relevant subjects

[Relevant Information]: Extra information of relevant subjects

[Attention]: Precautions or warnings of relevant subjects. Please pay attention to this information and follow the instructions.

This manual is applicable only to the Kogan G4 GPS.

Chapter II Initial Setup

This chapter introduces the appearance, components and basic operations of the Kogan G4 GPS.

2.1 Appearance

SN	Component	Explanation
1	Power key	Powering on/off and sleep mode
2	Indicator light	Indicating the operating state of external power supply
3	Earphone jack	
4	Micro SD card slot	
5	MINI USB port	Communicating with PC via MINI USB cable and used as the charging port
6	Stylus slot	Location of the stylus
7	Speaker	
8	Reset key	Tap to restart the system
9	Battery cover	Battery inside

2.2 Power Supply & Charging

Charge the GPS navigator fully with the charger before the first use.

2.2.1 Power Supply

The Kogan G4 GPS can be powered by the built-in battery or external power supply.

When the GPS navigator is unconnected to the charger, it is powered by the Li-polymer battery. The battery capacity icon「 」in the system main interface shows current residual battery capacity.

When the GPS navigator is connected to the charger, it is powered by external power and the battery is charged.

[Attention] The GPS navigator adopts an internal removable Li-polymer battery. To avoid battery rupture, explosion, release of hazardous substance or burn, do not unpack, pierce, strike on or discard the battery in fire or water.

The work temperature of the device is 0~50°C and its storage temperature is -10~60°C. Do not leave the device under heat sources or in high thermal areas such as an unattended vehicle in the strong sunshine.

End-of-life battery disposal please follow local relevant regulations

2.2.2 Charging by AC Adapter

Plug the USB terminal of the AC adapter into the USB port on the left side of the GPS navigator and the other to the power socket to supply power and charge the GPS navigator.

[Note] The charging indicator light is red during charging. Do not unplug the AC adapter until the battery is fully charged and the indicator light turns green. Please charge the GPS navigator when the battery is low or used up in succeeding use.

2.2.3 Charging by Car Charger

Plug one terminal of the car charger into the USB port on the left side of the GPS navigator and the other to the charging port to supply power and charge the GPS

navigator.

[Note] Plug in the car charger after the automobile is started to avoid damage due to current surge.

2.3 Basic Use

2.3.1 Powering on/off & Sleep

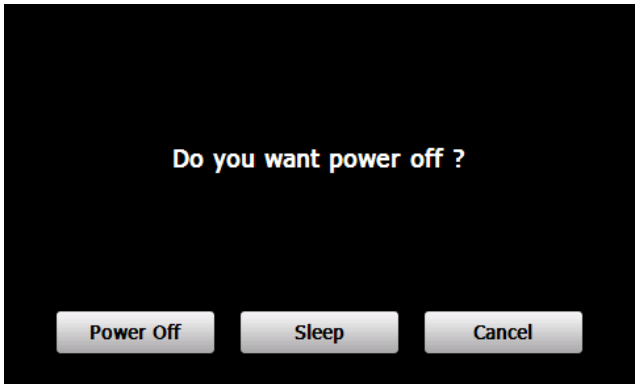
2.3.1.1 Powering on

Long press the power key on the top side of the GPS navigator to power it on.

[Note] Great humidity fluctuation may lead to short circuit of the GPS navigator. Power on the navigator after it has accommodated to new environment.

2.3.1.2. Powering off & Sleep

Long press the power key to power off the GPS navigator. The following interface will be prompted. If Sleep is selected, the navigator will automatically resume the state before entering sleep mode when powered on again.



2.3.2 Restarting the System

When the system does not response, press the **Reset key** on the back of the GPS navigator to restart the system.

[Relevant Information] The following situations might lead to no response of the system.

1. Delay or stagnancy in interface switching;
2. Failure of function activation with overlong execution;
3. Failure to power on/off the GPS navigator by pressing the power key

[Note] Restarting the system by pressing the **Reset key** will result in loss of unsaved data.

Please backup your data regularly.

2.3.3 Fixing the GPS Navigator with Mounting Kit

The mounting kit is composed of a cradle and a bracket. To use the GPS navigator in an automobile, fix the mounting kit on the dashboard under the front windshield.

[Note]: Do not place the GPS navigator in positions obstructing the driver's vision, for example at the steering wheel, pedal or gear lever. Do not place it without fixing it or in the place of air bag or the area after the air bag is inflated.

While using the mounting kit, follow local regulations. We will have no responsibility for any penalty or damage resulting from traffic violation.

2.3.5 Using Touch Screen

To protect the touch screen, do not operate it with acute objects. To cleanse the screen, use soft cloth with water, isopropyl alcohol or glasses cleanser. Do not use detergent containing ammonia.

2.4 System Main Interface and Major Functions

Long press the power key on the top side of the GPS navigator to enter the system main interface ：

View the next interface as follows by pressing the icon at the bottom of the interface.

Main functions of the navigator are listed :

Function	Explanation
GPS	Tap to enable navigation function
Music player	WMA9 and WAV files supported; Random, sequence and cycle play supported
Video player	WMV, ASF and AVI files supported; Adjustment of playing progress, pause and full-screen play supported
Photo browser	JPG, GIF, BMP and PNG files supported; Photo rotation, zoom in/out and auto play supported
E-book reader	TXT files reading supporting page selection
Games	Othello, DuiDuiPeng, Russia Block
Tools	Calculator, Unit
Settings	Volume, Backlight, Language, Date& Time, Calibration, FM Transmitter and System Information.
GPS Info	Display GPS signal state, reset GPS signal

Chapter III GPS

Various navigation mapping applications can be installed in the GPS navigator, such as CARELAND and RITU intelligent navigation systems, which position the navigator via the satellite receiver and display it on the map. Set a destination, and the system will automatically work out the best path to help the user reach the destination safely and quickly.

3.1 Map

Due to transportation development, inconformity between products and real traffic information will occur a period after product release. Please drive according to road conditions and abide by traffic regulations.

3.2 Navigation

Navigation paths are for reference only, and the user may decide whether to follow them. In some instance your good knowledge of the road condition may take priority

3.3 Reception

High and crowded structures (such as inside of tunnels, space between high buildings, underground car parks and under viaducts), weather change or satellite signals turnoff may influence signal reception, resulting in positioning failure, inaccurate positioning, navigation failure or system function abnormity.

With stereoscopic maps, instant animation, voice prompt and text prompt of the navigation system, you will appreciate its unique charm and enjoy a great trip.

Different navigation maps may have different operation methods. Please follow instructions of corresponding navigation mapping applications.

[Note]: Before using the GPS navigator, please purchase and install mapping applications and appoint file paths. For setting methods please refer to ***7.10Setting Navigation Path***.

Chapter IV Media

The Media function includes the music player, video player, photo browser and e-book reader.

4.1 Music Player

This section introduces the usage of the music player.

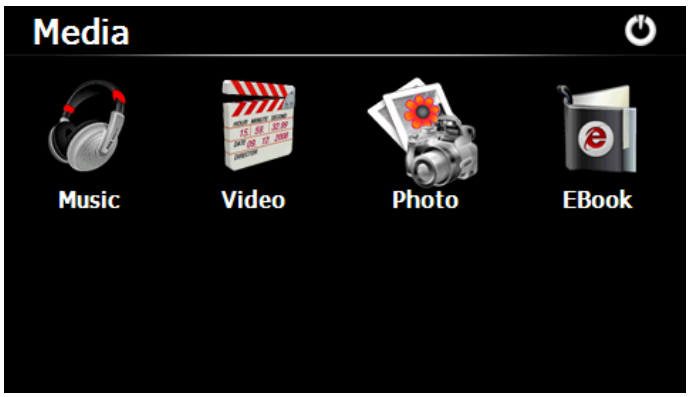
4.1.1 Features

The music player supports WMA9 and WAV files and selection of play sequence

Copy audio files into your memory card before using the player.

4.1.2 Interface and Operation

Tap「**Media**」in the system main interface to enter the「**Media**」interface as follows:



Tap the icon「**Music**」in the「**Media**」interface to enter the **Music Play** interface as follows:

	Close	Close the music player
	Minimize	Minimize the music player and return to the **Media** interface.

	Play	Continue playing the paused/ stopped music.
	Pause	Pause the music playing
	Stop	Stop the music playing.
	play sequence	Tap to switch play mode among **Order** , **AllCyc** , **Random** , **Once** and **OnceCyc** .
	Previous	Play the previous music.
	Next	Play the next music.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
	Progress	Drag it leftward or rightward to play from a previous or future moment.
	Music list	Enter it to select music to play.
	Time	Display the run time.
	Equalizer	Enter the equalizer

4.1.3 Selecting and Playing Music

Tap in the **Music Play** interface to enter the **Music List** interface as follows. Tap to open file folder in the left to select wanted music from flash memory and tap / to add them into the play list, double tap a piece of music to start playing.

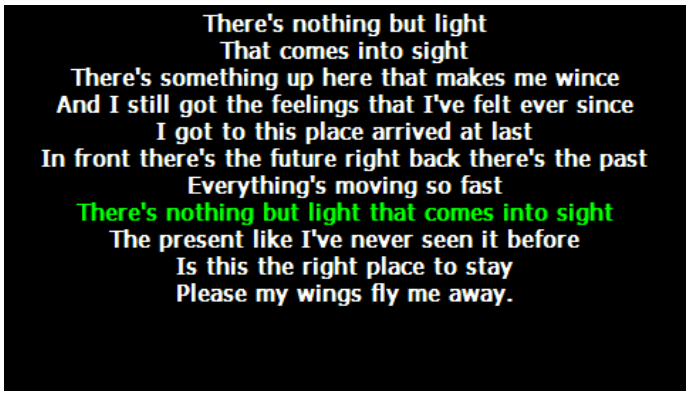
	Close	Close the **Music List**
	Add one	Add a piece of music on the left list to the play list on the right.
	Add all	Add all the music on the left list to the play list on the right.
	Delete one	Select one piece of music in the play list and tap the icon to delete it.
	Delete all	Delete all the music in the play list.
	Scroll bar	Drag it upward/ downward to view all music.

4.1.4 Viewing Lyrics

If your memory card contains corresponding. .irc files for the music being played, then lyrics will be played at the right side of the **Music Play** interface as follows:

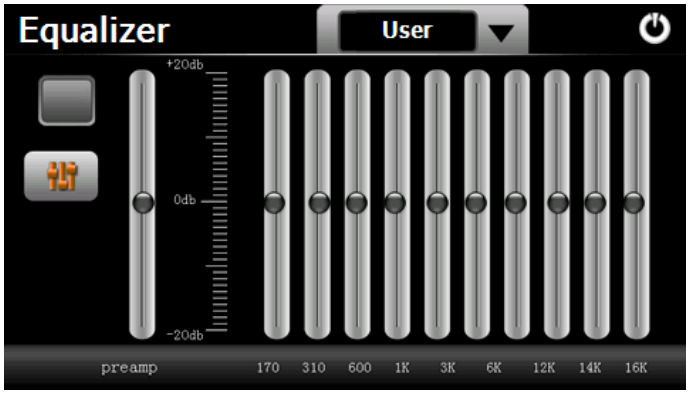
Music Play
Album: Missundaztood
01:49
Play
There's nothing but light
That comes into sight
nething up here that make
ot the feelings that I've fel
ot to this place arrived at I
's the future right back the
Everything's moving so fast
othing but light that comes
sent like I've never seen it
s this the right place to sta
ease my wings fly me awa

Double tap the lyrics area to view the lyrics in full screen as follows. Under full screen mode, double tap the screen to return to normal-sized interface, i.e. the above **Music Play** interface.


There's nothing but light
That comes into sight
There's something up here that makes me wince
And I still got the feelings that I've felt ever since
I got to this place arrived at last
In front there's the future right back there's the past
Everything's moving so fast
There's nothing but light that comes into sight
The present like I've never seen it before
Is this the right place to stay
Please my wings fly me away.

4.1.5 Set the Equalizer

Tap in the Music Play interface to enter the **Equalizer Setting** interface as follows:



Tick in on the upper left of the above interface, and then tap to select a music type or “User” from the drop-down menu. The music types include Pop, Rock, Metal, Dance, Electronic, Country, Jazz, Oldies, Blues, Nostalgia, Opera and speech. If “User” is selected, you may drag the slider at will to set the equalizer. After setting, tap to save and return to the **Music Play** Interface

4.2 Video Player

This section introduces the usage of the video player.

4.2.1 Features

The video player supports WMV, ASF and AVI files, full-screen play, progress selection and file selection.

Copy video files to a folder in your memory card before using the player.

4.2.2 Interface and Operation

Tap 「**Video**」in the **Media** interface to enter the video player interface as follows：

	Close	Close the video player.
	Previous film	Play the previous film.
	Play	Continue playing the paused/ stopped music.
	Next film	Play the next film.
	Stop	Stop the film being played.
	Video folder	Enter it to select a film to play.
	Progress	Drag the sliding block leftward to play from a previous moment or rightward coming moment.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
00:00:28/00:03:52	Time	Display the play time and the film duration.

4.2.3 Selecting and Playing Video

Tap in the Video Play interface to enter the **Video List** interface as follows. Double tap a video file folder to start circle play all video files in the folder.

	Close	Close the video folder.
	Return	Return to the previous folder.
	Film name& format	Film name and its format
	Scroll bar	Drag the sliding block upward/ downward to view all the files inside the folder.

4.3 Photo Browser

This section introduces the usage of the photo browser.

4.3.1 Features

The photo browser supports JPG, GIF, BMP and PNG files, photo rotation, zoom in/ out and auto play.
Copy photos to a folder in your memory card before using the browser.

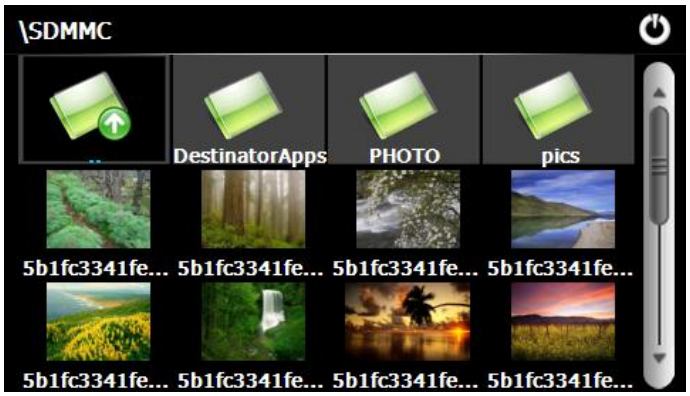
4.3.2 Interface and Operation

Tap 「Photo」in the **Media** interface to enter the photo browser interface as follows:

	Previous	View the preview photo in the folder.
	Next	View the next photo in the folder.

	Zoom in	Scale up current photo.
	Zoom out	Scale down current photo.
	Rotate	Rotate current photo 90°clockwise.
	Auto play	Cycle play all the photos in the folder from current photo.
	Folder	Enter the photo folder to select a photo.
	Close	Close the browser and return to the **Media** interface.

Tap in the browser interface to enter the photo folder as follows:



	Close	Close the current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block to view all the photos.

In the above interface, double tap on the screen to display photos in full screen.

Tap to enter auto play interface as follows. Drag the slider at the bottom of the screen to regulate play speed (1-10 seconds), and then tap on the screen to hide the slide (or the slide will be hidden automatically); tap on the screen to show the slide. Double tap on the screen to stop playing and return to the browsing interface.

4.4 E-book Reader

This section introduces the usage of the E-book reader.

4.4.1 Features

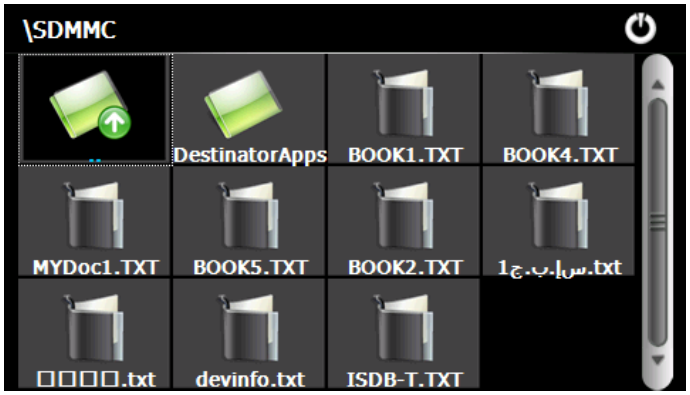
The reader supports TXT files, page turn and folder selection.

Copy TXT files into your memory card before using the browser.

4.4.2 Interface and Operation

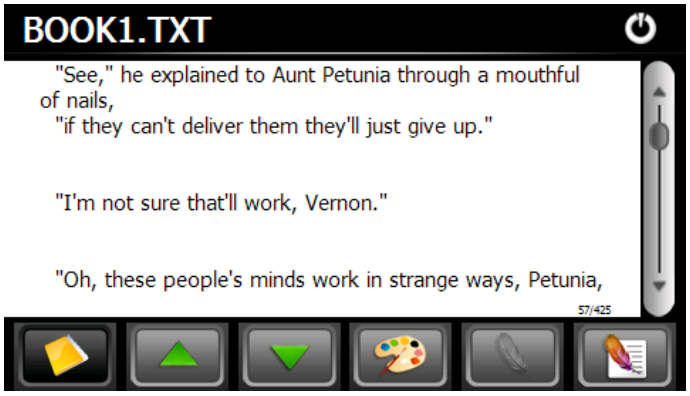
Tap the icon 「**Ebook**」 in the **Media** interface to enter the reader interface as follows:

Tap in the e-book reader interface to enter the e-book folder as follows:



	Close	Close current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block upward/ downward to view all TXT files.
	File name& format	The file name and format.

Select a book file and tap it to enter the **Reading** interface as follows:


BOOK1.TXT
"See," he explained to Aunt Petunia through a mouthful of nails,
"if they can't deliver them they'll just give up."
"I'm not sure that'll work, Vernon."
"Oh, these people's minds work in strange ways, Petunia,
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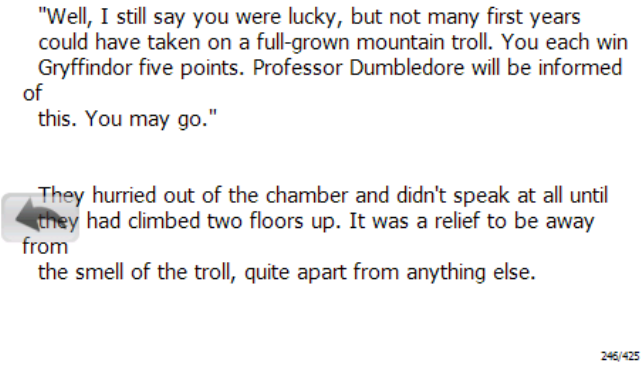
	Close	Close the reader.
	Scroll bar	Drag the sliding block upward/ downward to view all content of the e-book.
	Folder	Enter the e-book folder to select an e-book to read.
	Previous	Read the previous page.
	Next	Read the next page.
	Setting	Select a text theme, font, word size and bold type.
	New bookmark	Select partial text and tap the icon to create a bookmark.
	Bookmark list	Enter the bookmark list to select or delete a bookmark.

4.4.2.1 Full Screen Reading

In the above interface, double tap the screen to enter to the full screen reading mode

as follows:


"Well, I still say you were lucky, but not many first years could have taken on a full-grown mountain troll. You each win Gryffindor five points. Professor Dumbledore will be informed of this. You may go."
They hurried out of the chamber and didn't speak at all until they had climbed two floors up. It was a relief to be away from the smell of the troll, quite apart from anything else.
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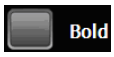
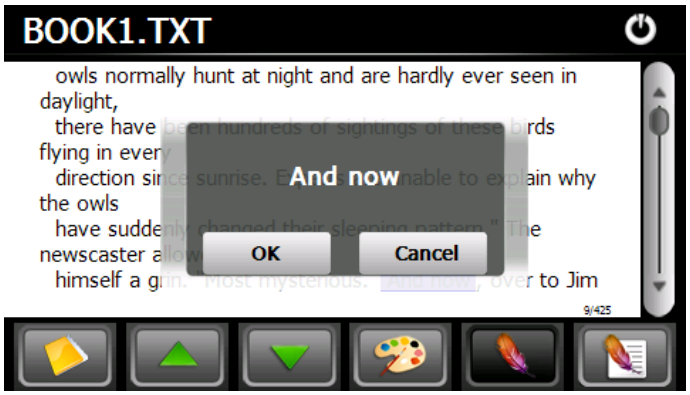
Tap on the upper part of the interface to read the previous page while tap on the lower part of the interface to read the next page; tap the icon to quit.

4.4.2.2 Creating and Viewing Bookmark

Tap the icon in the reading interface to open the **Reading Setting** interface as follows:

	Close	Exit the setting interface
	Save	Save the setting.
	Theme	Tap to select a theme for the e-book.
	Font	Tap to select a font for the e-book.
	Bold	Tap to enable bold type. Tap it again to cancel.

To create a bookmark, locate a page by taping or or dragging the scroll bar in the reader interface and drag to select text content. Tap to popup a dialog as follows and then tap **OK** to finish.

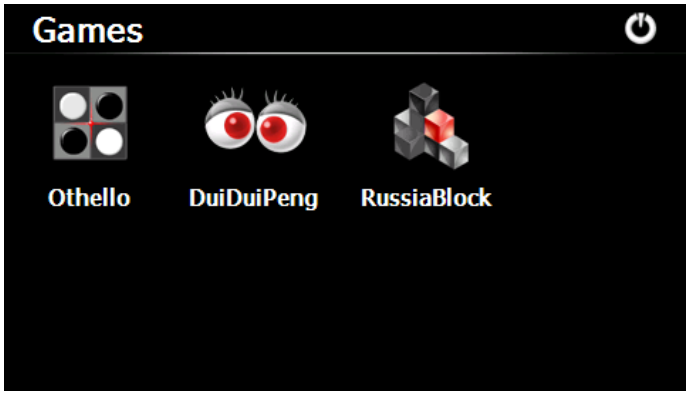


Tap to view all created bookmarks in the **Bookmark List** interface as follows:

Drag the scroll bar and select a bookmark on the left list. Tap to go to the page with the bookmark or tap to delete the bookmark.

Chapter V Games

This chapter introduces the usage of Games. Tap「**Games**」in the system main interface to enter the games interface as follows. Tap to exit. Tap the game icon to start to play games.



5.1 Othello

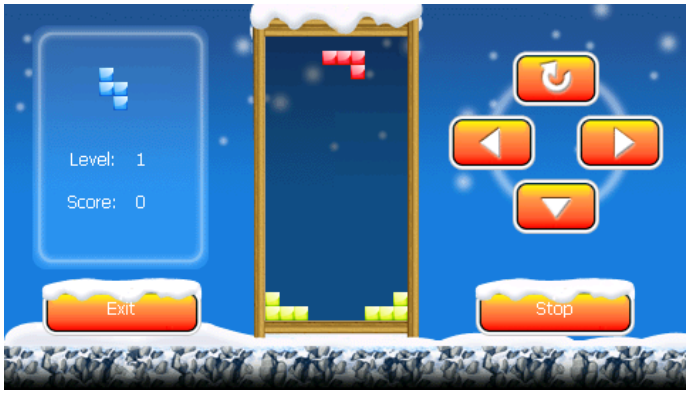
Tap the icon in the Games interface to enter the interface as follows:

5.2 DuiDuiPeng

Tap the icon in the Games interface to enter the interface as follows:

5.3 Russia Block

Tap the icon in the Games interface to enter the interface as follows:



Chapter VI Tools

The tools include Calculator and Unit conversion.

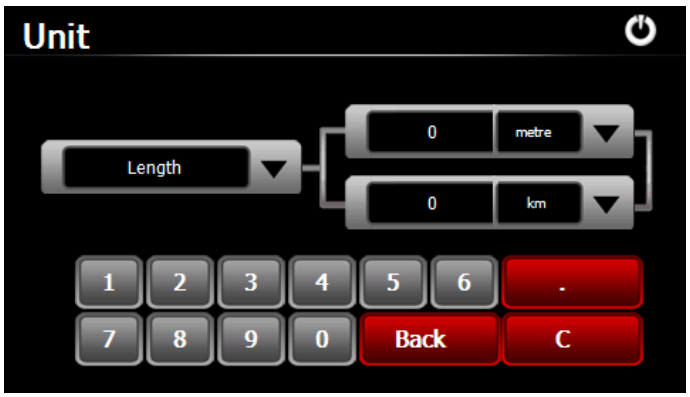
Tap 「**Tools**」**i**n the system main interface to enter the tools interface as follows and tap to exit.

6.1 Calculator

Tap in the tools interface to enter the calculator interface as follows:

6.2 Unit

Tap in the tools interface to enter the unit interface as follows:



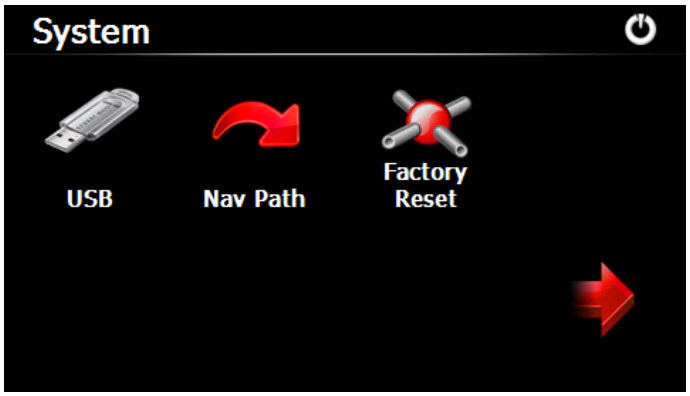
Chapter VII Settings

7.1 Summary

This chapter introduces the system settings of the GPS navigator.

Tap the icon 「**Setting**」 in the system main interface to enter the system setting interface as follows to set volume, backlight, language, date & time, calibration, factory reset, system info, USB and navigation path.

Tap to display the next page as follows.



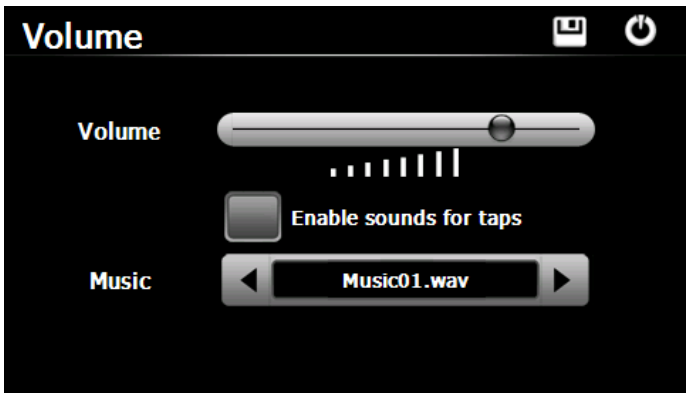
Function	Explanation
Volume	Adjust the speaker volume; Open/ close the tap sound startup music setting
Backlight	Adjust the brightness of touch screen backlight; Support auto backlight.
Language	System language selection

Date & time	System date setting; System time setting; System time zone setting;
Calibration	If deviation occurs while touching the screen, calibrate the screen.
System info	Display system information including ROM version, software version, OEM version, platform ID and device ID.
FM Transmitter	Transmit audio signals of the navigator to radio sets.
USB setting	Data transmission mode between the navigator and PC.
Navigation path	Select a document path for the navigator.
Factory Reset	Reset the factory default settings.

7.2 Volume

Tap

in the 「**Setting**」interface to enter the「**Volume Setting**」interface as follows:

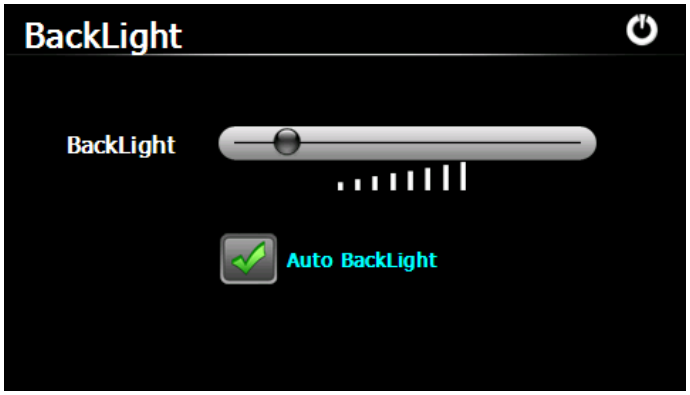


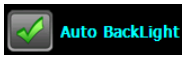
	Close	Exit the volume setting.
	Sounds for taps	Tap it to enable the function. Tap it again to disable the function.
	Volume	Drag the slider leftwards / rightwards to turn down / up the volume
	Power-on music	Tap or to select power-on music or disable it.

7.3 Backlight

Backlight setting includes backlight brightness adjustment and auto backlight.

Tap in the「**Setting**」interface to enter the「**Backlight Setting**」interface as follows:



	Close	Exit the backlight setting.
	Backlight	Drag leftward to turn down or rightward to turn up the backlight.
	Auto backlight	When this column is ticked, the backlight will be automatically adjusted according to the environment brightness.

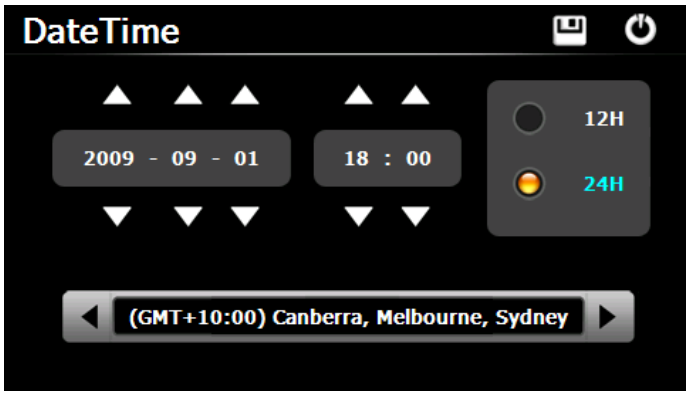
7.4 Language

Tap in the「**Setting**」interface to enter the「**Language Setting**」interface as follows:

Tap or to select a system language, and then tap to save the settings and tap to exit.

7.5 Date& Time

Tap in the setting interface to enter the date and **Time Setting** interface as follows.



Date & Time setting includes system date setting, time setting and time zone setting.

7.5.1 Setting the system date and time

In the above interface, tap ▲ or ▼ to set the year, month, day, hour and minute.

[Note]: Time format options are 12-hour and 24-hour.

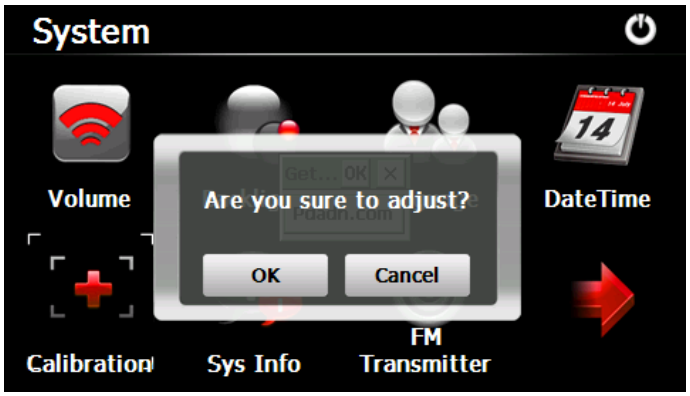
7.5.2 Setting the system time zone

In the above interface, tap ◀ or ▶ to select a time zone. For example, select "(GMT+10:00) Canberra, Melbourne, Sydney" for Australia.

7.6 Calibration

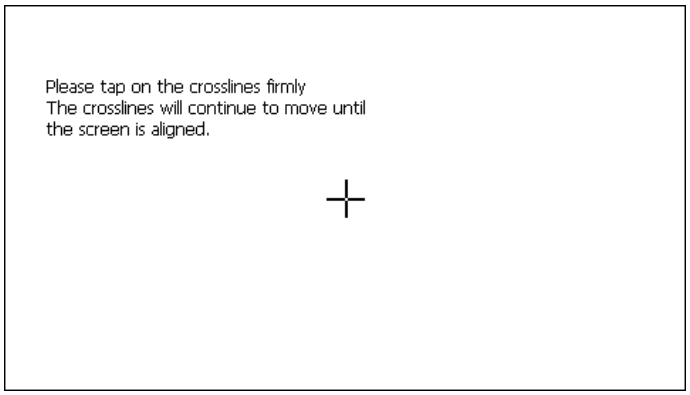
Tap

in the 「Setting」 interface to popup the calibration dialog :



Tap **OK** to execute calibration or **Cancel** to cancel calibration and go back to the setting interface.

Tap **OK**, and the following calibration interface is prompted. Click the center of cross cursor with the stylus and the cursor shifts from the center, upper left, lower left, upper right and lower right to finish the calibration and the interface will be closed automatically to go back to the setting interface.



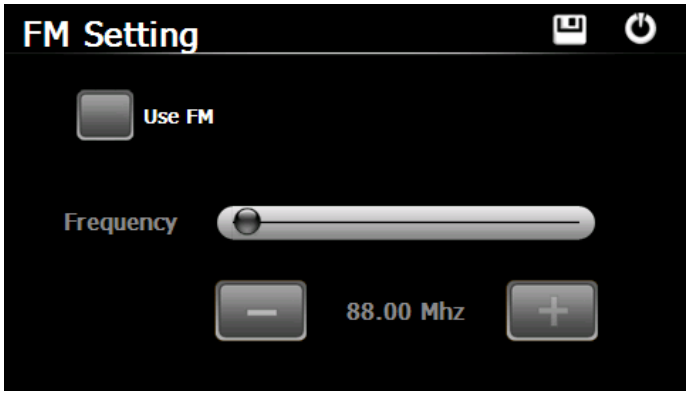
7.7 System Information

Tap the in the「**Setting**」interface to enter the **System Information** interface ：

7.8 FM Transmitter

FM transmitter realizes transmission of audio signals of the GPS navigator to radio sets. Adjust the emission frequency of the GPS navigator the same as that of the receiving frequency of the radio, and sounds of the navigator will be output by the amplifier system of the radio sets.

Tap in the「**Setting**」interface to enter the「**FM Setting**」interface :



	Close	Exit the FM Setting.
	Save	Save current setting.
Use FM 10.	Use FM	Tick in the box to enable FM function.
	Frequency	Drag the slide block rightwards (or tap +) to increase the frequency and leftwards (or tap −) to reduce the frequency. The frequency range is 88.00 Mhz-108.00 Mhz.

7.9 USB Setting

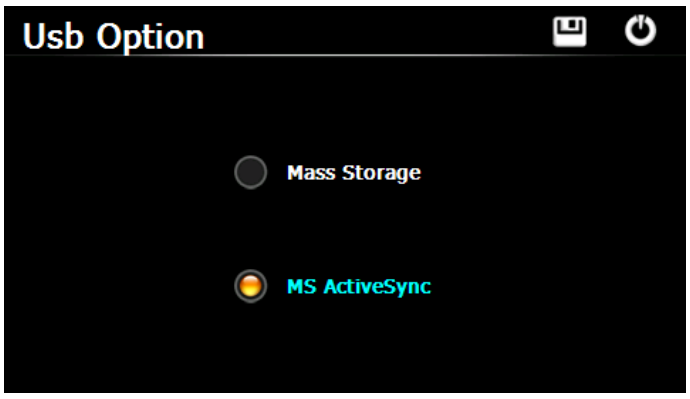
Connect the GPS navigator to PC via the MINI USB port to transmit data, or back up data from the navigator data to PC.

The GPS navigator provides MASS STORAGE and MS STORAGE modes. Select one in the USB setting.

7.9.1 MASS STORAGE

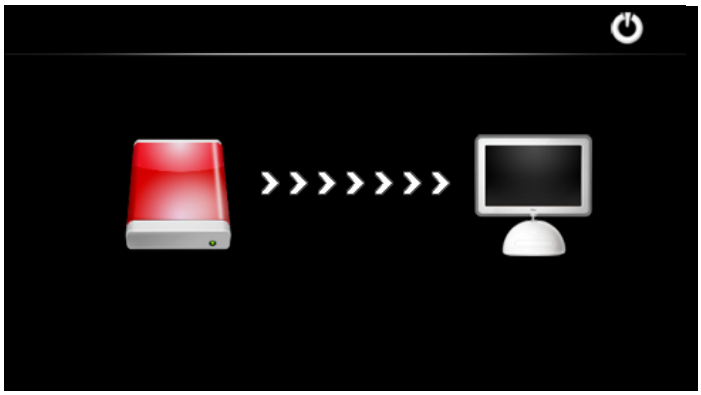
1. Have the GPS navigator in operation status and the SD card plugged in the slot;

2. Tap in the system setting interface to enter **USB Option** as shown below.



Select **MASS STORAGE** and tap to save it.

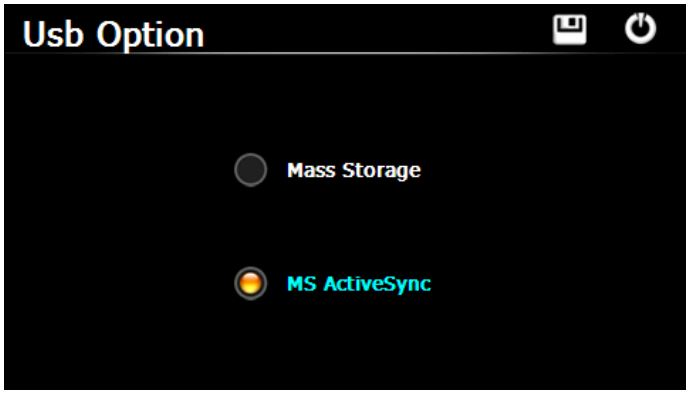
3. Connect the MINI USB terminal of the USB cord to the MINI USB port of the GPS navigator and the standard USB terminal to the USB Host port of PC. Then the PC will recognize the navigator and prompt the following interface. To disconnect the navigator from PC and enter USB charging mode, you may select .



4. After communication, unplug the MINI USB cable.

7.9.2 MS ACTIVESYNC

1. Tap in the system interface to enter **USB Option** as shown below.



Select **MASS ACTIVESYNC** and tap to save the setting.

2. Install the application **Mobile Device** in a drive of PC. Then the following icon will appear in the drive selection.

3. Connect the MINI USB terminal of the USB cable to the MINI USB port of the GPS navigator and the standard USB terminal to the USB Host port of PC.

4. After the PC finds new hardware, double click the Mobile Device drive in the selection area to enter the memory of GPS navigator for data transmission.

5. After transmission, unplug the USB cable.

[Attention] For data safety back up the navigator data. We assume no responsibility for data loss or damage

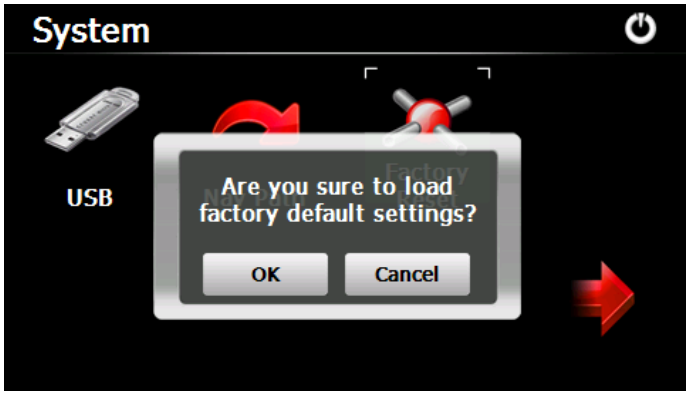
[Note] If MASS STORAGE is selected while the GPS navigator is connected with PC, other operations will be suspended.

[Attention] The following operations will stop suspend the communication of the system and PC and unsaved data will be lost.

1. Unplugging the MINI USB cable;
2. Powering off the GPS navigator;
3. Resetting the system;
4. Tap the on close button on the top right.

7.11 Factory Reset

Tap in the system interface to restore the factory setting. The following dialog will be prompted.

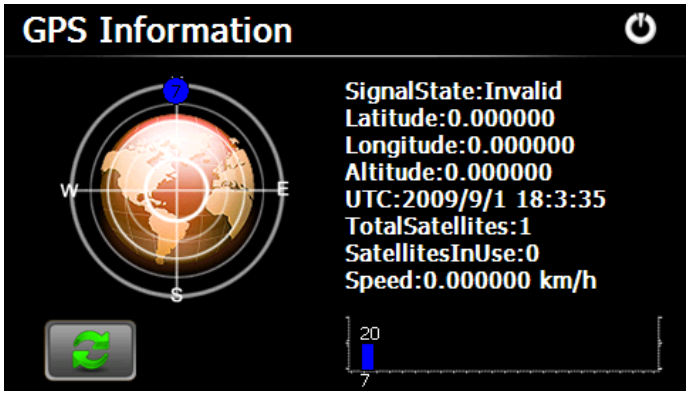


Tap **OK** to restore the default setting or **Cancel** to return to the setting interface.

Chapter VIII GPS Info

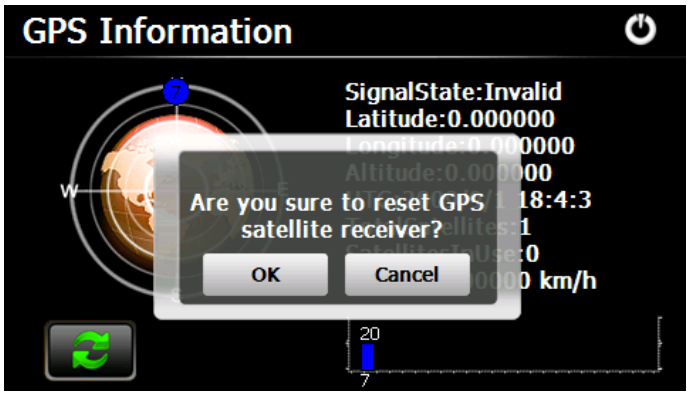
Tap

in the system main interface to view the GPS information interface as follows:



In the above interface, it shows information on signal state, latitude, longitude, coordinated universal time, number of satellites, valid satellites and its speed.

Tap to popup a dialog :



Tap **OK** to reset the GPS satellite or tap **Cancel** to exit.

Appendix Troubleshooting

Please carry out the following operations in case of abnormal operation of the GPS navigator. For further problems, please contact our customer service center.

Fault	Reason	Solution
Startup failure	Low battery	Supply external power and charge the battery.
	System down	Reset the GPS navigator.
Sudden power cut	Low battery	Supply external power and charge the battery.
No/ vague display	Low backlight	Turn up the backlight.
	Backlight off	Tap the screen with the touch pen.
Incorrect tapping response	Touch screen not calibrated	Recalibrate the screen.
No sounds	Low volume	Turn up the volume.
	Poor contact of earphone	Check the earphone connection.
Communication with PC	Poor USB connection	Check the USB cable connection.
GPS signals reception failure	Poor GPS signal	About 3 minutes are needed for low intensity of local GPS satellite signal.
Loss of map data	Accidental deletion	Contact your agent or distributor. Input a new password after recovering the GPS data.

Note: This document is for guidance only and the content is subject to change without notice.